

Memorandum

To: William J. Keese, Chairman
Robert Pernell
Authur H. Rosenfeld, Ph.D
James D. Boyd

Date : July 9, 2002
Telephone: CALNET (916) 654-4206

From : **California Energy Commission - STEVE LARSON**
1516 Ninth Street
Sacramento CA 95814-5512
Executive Director

Subject: **DATA ADEQUACY RECOMMENDATION FOR THE BLYTHE II ENERGY FACILITY (02-AFC-1)**

Staff has completed its data adequacy review (second round) of the Blythe II Application for Certification (AFC) originally submitted on February 19, 2002. The Commission on April 3, 2002 first heard this item. At that time it was determined that the AFC was not data adequate for processing for either the 12-month process or for the expedited 6-month process. Subsequently, the applicant has withdrawn their request for an expedited 6-month process allowed under Public Resources Section 25550.

Staff has determined that the AFC and AFC Supplement now contain all the information required by Cal. Code of Regs., tit. 20, section 1704 and Appendix B for the 12-month process. Therefore, we recommend that the Energy Commission find the AFC adequate for the 12-month process.

Attachment A contains an overview of staff's review of data adequacy of the AFC. Attachment B contains staff's detailed data adequacy worksheets that describe staff's findings for those information requirements under the 12-month process which were originally found to be inadequate with the first round of review on April 3, 2002.

The Mojave Desert Air Quality Management District has indicated that the application is complete and contains the information necessary to begin its analysis. A copy of the Biological Assessment has been prepared and submitted to the United States Fish and Wildlife Service. The applicant has also requested that the California Department of Fish and Game issue a determination pursuant to Section 2080.1 of the Fish and Game Code that the Federal Biological Opinion is consistent with the California Endangered Species Act (CESA). Having this information will ensure that the project can be reviewed and a determination made within the Energy Commission's 12-month schedule.

Blythe II Data Adequacy

July 9, 2002

Page 2

At the Energy Commission's business meeting on July 17, 2002, I will recommend that the Energy Commission accept the AFC as data adequate for the 12-month permit process.

If you have any questions, please call Bill Pfanner (916) 654-4206, staff's Project Manager.

Attachments

**BLYTHE ENERGY PROJECT PHASE II
(12-MONTH AND 6-MONTH DATA ADEQUACY)**

TECHNICAL AREA – DATA ADEQUACY	12 Month	6 Month
Air Quality	Yes	Yes
Alternatives	Yes	Yes
Biological Resources	Yes	Yes
Cultural Resources	Yes	Yes
Efficiency	Yes	Yes
Facility Design	Yes	Yes
Geological Hazards	Yes	Yes
Hazardous Materials Handling	Yes	Yes
Land Use	Yes	Yes
Noise	Yes	Yes
Paleontological Resources	Yes	Yes
Project Overview	Yes	Yes
Public Health	Yes	Yes
Reliability	Yes	Yes
Socioeconomics	Yes	Yes
Soils	Yes	No
Traffic and Transportation	Yes	Yes
Transmission System Eng.	Yes	No
Transmission Line Safety and Nuisance	Yes	Yes
Visual Resources	Yes	Yes
Waste Management	Yes	Yes
Water Resources	Yes	No
Worker Safety	Yes	Yes

adequacy Issue: Adequate X Inadequate _____
 Technical Area: Air Quality
 Project Manager: William Pfanner

DATA ADEQUACY WORKSHEET

Project: Blythe Energy Project Phase II
 Docket: 02-AFC-1

Revision No. 01 Date June 7, 2002
 Technical Staff: Gabriel D. Behymer
 Technical Senior: Matthew S. Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 2.2.1 Section 7.7.5 Section 7.7.6 Section 7.7.7 Section 7.7.8.5 Section 7.7.8.7	Yes	
Appendix B g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	Letter from MDAQMD dated March 20, 2002	Yes	
Appendix B g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Section 7.7.4.1 Section 7.7.4.3 Section 7.7.4.4.1 Table 7.7-3 Table 7.7-5 Table 7.7-7 Table 7.7-8	Yes	
Appendix B g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 2.2.12	Yes	
Appendix B g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	Section 7.7.4.4.4 Section 7.7.4.1 Table 7.7-4	Yes	
Appendix B g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	Section 7.7.4.4 Table 7.7-9 Table 7.7-10 Table 7.7-11 Table 7.7-12	Yes	

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	Section 7.7.4.4.7	Yes	
Appendix B j) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Section 7.7.7 Appendix 7.7-G	Yes	
Appendix B j) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Submitted CD-ROMs	Yes	
Appendix B j) (8) (H) (I)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	Not required for Air Quality	Yes	

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Appendix B (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Section 7.7.8.1.3 Table 7.7-28 Table 7.7-30 Figure 7.7-4 Figure 7.7-5 Figure 7.7-6 Figure 7.7-7 Figure 7.7-8 Submitted CD-ROMs	Yes	
Appendix B (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:	---	---	---
Appendix B (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	Section 7.7.8.7 Appendix 7.7-D Appendix 7.7-E Submitted CD-ROMs	Yes	
Appendix B (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	Section 7.7.8 Table 7.7-33-A Table 7.7-33-B Appendix 7.7-H Submitted CD-ROMs	Yes	

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ppendix B j) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	Section 7.7.8.3	Yes	
ppendix B j) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:	---	---	---
ppendix B j) (8) (J) (i)	The quantity of offsets needed;	Section 7.7.6 Table 7.7-24	Yes	
ppendix B j) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Section 7.7.6.2 Table 7.7-24 Table 7.7-25 Confidential Submittal	Yes	
ppendix B j) (8) (J) (iii)	Method of emission reduction.	Section 7.7.6	Yes	
ppendix B j) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 7.7-1 (4/02)	Yes	
ppendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 3.0-1 Table 7.7-43	Yes	

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ppendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.7-42 Table 7.7-43	Yes	
ppendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 3.0-1 Section 7.7 Table 7.7-43	Yes	
ppendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.7-41	Yes	
ppendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 7.7-42	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 01 Date May 31, 2002

Technical Area: **Biological Resources**

Project: Blythe Energy Project Phase II

Technical Staff: Natasha Nelson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Site conditions: Section 7.12.1, pp. 7.12-1 and -2 Impacts discussion: Section 7.12.2, p. 7.12-2 to -11 of revised AFC; and Appendix 7.12-B of revised AFC Mitigation and Monitoring: Section 7.12.3, pp. 7.12-7 to -14	Yes	
Appendix B g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	Regional overview: Section 7.12.1, pp. 7.12-1 and -2 1:100,000 (or suitable scale) map: Figure 7.12-1, p. 7.12-32 of revised AFC	Yes	Figure was updated to reflect burrowing owl sightings.

adequacy Issue: Adequate ☒ Inadequate

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Technical Staff: Natasha Nelson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Jim Brownell

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Appendix B (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Detailed map and discussion: Section 7.12.1, p. 7.12-1; and Figure 7.12-2, p. 7.12-33 of revised AFC Lists of species seen and those expected to occur in the project area: Section 7.12.1, p. 7.12-1 and -2; Table 7.12-1, p. 7.12-3; and Table 7.12.2, pp. 7.12-4 to -6 Discussion of distribution: Section 7.12.1, p. 7.12-2	Yes	A figure similar to Figure 7.12-2 was printed at 1:6000 and provided to staff.
Appendix B (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Study description: Section 4.12.1.2 of Petition I-B, pp.34 and 35; and Section 7.12.1.2, pp. 7.12-3 to -5 of revised AFC CNDDDB forms: Appendix 7.12-B Names/qualifications of those completing studies: Section 4.12.1.2 of Petition I-B, pp.34 and 35	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

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Appendix B j) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Permanent/temporary impacts discussion: Section 7.12.2, p. 7.12-2; and Appendix 7.12-B of revised AFC Use and discharge of water: Section 7.12.3, pp. 7.12-11 and -12; and Appendix 7.13-C Cooling tower drift study: Section 7.12.2.2, pp. 7.12-7 to -8 of revised AFC Once-through cooling discussion: Not Applicable	Yes Yes Yes	
Appendix B j) (13) (E)	A discussion of the following:			
Appendix B j) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Section 7.12.3, pp. 7.12-7 to -14	Yes	
Appendix B j) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	See above	Yes	
Appendix B j) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Section 7.12.3, pp. 7.12-10 and -11	Yes	
Appendix B j) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Section 7.12.3, pp. 7.12-7 to -14	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 01 Date May 31, 2002

Technical Area: **Biological Resources**

Project: Blythe Energy Project Phase II

Technical Staff: Natasha Nelson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Section 7.12.2, p. 7.12-2	Yes	
Appendix B j) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:	--	--	--
Appendix B j) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Section 7.12.1, p. 7.12-2; Table 7.12-1, p. 7.12-3; and Table 7.12-2, pp. 7.12-4 to -6	Yes	
Appendix B j) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	See above	Yes	
Appendix B j) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	See above	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 3.0-1, pp. 3-20 and 3-21; and Table 7.12-3, pp. 7.12-15 to -17.	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.12-3, pp. 7.12-15 to-17.	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 01 Date May 31, 2002

Technical Area: **Biological Resources**

Project: Blythe Energy Project Phase II

Technical Staff: Natasha Nelson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 7.12.4, p. 7.12-14; and Table 7.12-3, pp. 7.12-15 to-17.	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 7.12.4.1 and Table 7.12-4, p. 7.12-18	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 7.12-5, p. 7.12-19	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 6/6/02

Technical Area: **Cultural Resources**

Project: Blythe II

Technical Staff: Gary Reinoehl

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 7.1.1 Section 7.1.2 Section 7.1.3 Revised Figure 7.1	Yes	.
Appendix B j) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	Revised Section 7.1 Revised Figure 7.1	Yes	
Appendix B j) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	Revised Section 7.1 Revised Figure 7.1	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 6/6/02

Technical Area: **Cultural Resources**

Project: Blythe II

Technical Staff: Gary Reinoehl

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Section 7.1.2.1 Revised Section 7.1 Revised Figure 7.1	Yes	
Appendix B (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Appendix 7.1 Revised Section 7.1 Revised Figure 7.1	Yes	
Appendix B (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	Section 7.1.3 Revised Section 7.1	Yes	
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.1.4 and Table 7.1-1	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 6/6/02

Technical Area: **Cultural Resources**

Project: Blythe II

Technical Staff: Gary Reinoehl

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Dale Edwards

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Appendix B (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.1-1 and Table 7.1-2	Yes	
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 7.1-1 Revised Section 7.1 Revised Table 7.1-1	Yes	
Appendix B (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.1-2	Yes	
Appendix B (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 7.1.4.4 Revised Section 7.1.4.4	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date May 23, 2002

Technical Area: **Geological Hazards**

Project: Blythe Energy Project Phase II

Technical Staff: Patrick Pilling

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Lynn Alexander

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Appendix B g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Section 7.16-1 (Pages 7.16-1 through 7.16-6); Appendix 7.16	Yes	
Appendix B g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Sections 7.16.1.3 and 4 (Pages 7.16-4 through 7.16-6); Figure 7.16-1; Section 7.16.1.2.2 (Pages 7.16-3 to 7.16-4); Section 7.16.1.4 (Pages 7.16-5 to 7.16-6); Appendix 7.16	Yes	
Appendix B g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Section 7.16.1.5 (Page 7.16-6); Figure 7.16-1	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.16-4 (Pages 7.16-8 through 7.16-10); Table 7.16-1; Section 3.0 (Page 3-25)	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date May 23, 2002

Technical Area: **Geological Hazards**

Project: Blythe Energy Project Phase II

Technical Staff: Patrick Pilling

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Lynn Alexander

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.16.4 Table 7.16-1 (Page 7.16-9); Section 7.16.4.3, Table 7.16-2 (Page 7.16-10)	Yes	
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 7.16.3 and 7.16.4 (Pages 7.16-7 to 7.16-10)	Yes	
Appendix B (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 7.16.4.3, Table 7.16-2 (Page 7.16-10)	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date June 6, 2002

Technical Area: **Land Use**

Project: Blythe Energy Project Phase II

Technical Staff: Ken Peterson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 7.2.2, p. 7.2-2 99-AFC-8c, Petition I-B, Sec. 4.2, pp. 21-43	Yes	
Appendix B (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Sec. 7.2.1, p. 7.2-2 99-AFC-8c, Petition I-B, Sec. 4.2, pp. 21-43	Yes	
Appendix B (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Sec. 7.2.1, p. 7.2-2 99-AFC-8c, Petition I-B, Sec. 4.2, pp. 21-43	Yes	
Appendix B (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	No information necessary	Yes	
Appendix B (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Sec. 7.2.4, pp. 7.2-4 through 7.2-6	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date June 6, 2002

Technical Area: **Land Use**

Project: Blythe Energy Project Phase II

Technical Staff: Ken Peterson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figures 7.2-1, 7.2-2	Yes	
Appendix B (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	Sec. 7.2.1, pp. 7.2-1 and 7.2-2 Sec. 7.2.2, p. 7.2-2	Yes	
Appendix B (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Figure 7.4-1	Yes	
Appendix B (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	99-AFC-8c, Petition I-B, Sec. 4.2, p. 42	Yes	
Appendix B (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Sec. 7.2.2, p. 7.2-2	Yes	
Appendix B (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:			

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date June 6, 2002

Technical Area: **Land Use**

Project: Blythe Energy Project Phase II

Technical Staff: Ken Peterson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Sec. 7.2.2, p. 7.2-2 99-AFC-8c, Petition I-B, Sec. 4.2, p. 42	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.2.-1, p. 7.2-5	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.2-2, p. 7.2-6	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 7.2.1, pp. 7.2-1 and 7.2-2 Sec. 7.2.4, p. 7.2-4	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.2-2, p. 7.2-6	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	No permits necessary	Yes	

equacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 01 Date 5/24/02

Technical Area: **Noise**

Project: Blythe Energy Project Phase II

Technical Staff: Jim Buntin

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC Section 7.3, pp. 7.3-1 through 7.3-16	Yes	
Appendix B g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	AFC Section 7.3, Figure 7.3-3.	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 01 Date 5/24/02

Technical Area: **Noise**

Project: Blythe Energy Project Phase II

Technical Staff: Jim Buntin

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in L_{eq} (equivalent sound or noise level), L_{dn} (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L_{10} , L_{50} , and L_{90} values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	AFC Section 7.3.1.3, Table 7.3-2, p. 7.3-4; Revised Section 7.3.1.3 and Revised Table 7.3-2.	Yes	-.
Appendix B (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	AFC Section 7.3.2.2	Yes	
Appendix B (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	AFC Section 7.3.2, pp. 7.3-5 to 7.3-9	Yes	
Appendix B (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	AFC Sections 7.3.2.1 and 7.3.2.2, Figure 7.3-4.	Yes	

equacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 01 Date 5/24/02

Technical Area: **Noise**

Project: Blythe Energy Project Phase II

Technical Staff: Jim Buntin

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	AFC Section 7.17.2.3, p. 7.17-7	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC Section 3.0, AFC Section 7.3.4, Table 7.3-5.	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC Section 3.0, AFC Section 7.3.4, Table 7.3-5.	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC Section 7.3.2.2	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC Section 7.3.4.4, Table 7.3-6	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 01 Date 5/24/02

Technical Area: **Noise**

Project: Blythe Energy Project Phase II

Technical Staff: Jim Buntin

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC Section 7.3.4.4	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 5/31/02

Technical Area: Public Health

Project: Blythe Energy Project II

Technical Staff: Ramesh Sundareswaran

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 2.2, 7.8.1- 7.8.4	Yes	
Appendix B g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Tables 7.8-1 & 7.8-2	Yes	
Appendix B g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Section 7.8.2, Appendix 7.8	Yes	
Appendix B g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Figure 7.8-1	Yes	
Appendix B g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Figure 7.9-1	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 5/31/02

Technical Area: Public Health

Project: Blythe Energy Project II

Technical Staff: Ramesh Sundareswaran

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.8-14	Yes	
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.8-15	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 7.8.5	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.8-16	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 7.8.5.4	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date May 22, 2002

Technical Area: **Reliability**

Project: Blythe Energy Project Phase II

Technical Staff: Kevin Robinson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§1.1, 1.1.1, 1.5, 2.1, 2.2.1, 2.2.4.1.1-2.2.4.3, 2.2.5.5, 2.2.5.6, 2.2.6, 2.2.7, 2.2.8, 2.2.8.1, 2.2.8.2, 2.2.8.4-2.2.8.5.3, 2.2.9, 2.2.10-2.2.10.3, 2.2.12-2.2.12.2, 2.3.1, 2.4.1, 2.4.2, 6.4, 6.5, 7.13, 7.16.1.4, 7.16.1.4.1, 8.1.1, 8.1.2, 8.3.1, 8.3.2, 8.3.4, Appendix 7.16	Yes	
Appendix B (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§§1.1.1, 2.2.7, 6.4, 8.3.1	Yes	
Appendix B (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:			
Appendix B (3) (B) (i)	Expected annual and lifetime capacity factors;	§§2.2.2, 2.4.1, 2.4.2, 8.3.2	Yes	
Appendix B (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§1.1, 1.1.1, 1.5, 2.1, 2.2.2, 2.2.4.1.1-2.2.4.3, 2.2.5.5, 2.2.5.6, 2.2.6, 2.2.7, 2.2.8, 2.2.8.2, 2.2.8.4-2.2.8.5.3, 2.2.9, 2.2.12-2.2.12.2, 2.2.10-2.2.10.3, 6.5.3, 8.3.1	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date May 22, 2002

Technical Area: **Reliability**

Project: Blythe Energy Project Phase II

Technical Staff: Kevin Robinson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§1.1.1, 1.5, 2.1, 2.2.1, 2.2.8, 2.2.8.1, 2.2.8.2, 2.2.8.5.2, 2.2.9, 2.3.1, 6.5, 7.16.1.4, 7.13, 8.1.1, 8.1.2, Appendix 7.16	Yes	
Appendix B (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§1.1.1, 2.1, 2.2.2, 2.2.5.5, 2.2.5.6, 2.2.6, 2.2.13.5, 2.2.13.6, 2.4.2, 8.3.2, 8.3.4	Yes	
Appendix B (3) (B) (v)	The expected power plant maturation period.	§§ 2.4.1, 8.3.2	Yes	
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Information not required for Reliability	Yes	
Appendix B (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Information not required for Reliability	Yes	
Appendix B (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Information not required for Reliability	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date May 22, 2002

Technical Area: Reliability

Project: Blythe Energy Project Phase II

Technical Staff: Kevin Robinson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B 1) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Information not required for Reliability	Yes	
Appendix B 1) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Information not required for Reliability	Yes	

adequacy Issue: Adequate X Inadequate **DATA ADEQUACY WORKSHEET** Revision No. 1 Date 7/3/02

Technical Area: Soils Project: Blythe Energy Project Phase 2 Technical Staff: Richard Sapudar

Project Manager: Bill Pfanner Docket: 02-AFC-01 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	7.14.1, 7.14.2, 7.16.1, Appendix 7-11 Part 3	Yes	Erosion Control For the WCOP supplement for AFC received
Appendix B j) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	7.14.1, Table 7.14.1 Revised Figure 7.14.1	Yes	Revised figure provided.
Appendix B j) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 7.14-1	Yes	
Appendix B j) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	7.14.1, Table 7.14-1	Yes	
Appendix B j) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:			
Appendix B j) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	7.14.2 Revised section 7.14.2.1 , Table 7.14-2	Yes	Revised section and figures provided.

adequacy Issue: Adequate ☒ Inadequate ☐ **DATA ADEQUACY WORKSHEET** Revision No. 1 Date 7/3/02
 Technical Area: Soils Project: Blythe Energy Project Phase 2 Technical Staff: Richard Sapudar
 Project Manager: Bill Pfanner Docket: 02-AFC-01 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	7.14.2, 7.7.8.4	Yes	
Appendix B h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	7.14.4, Table 7.14-2	Yes	
Appendix B h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	7.14.4, Table 7.14-2	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	7.14.4, Table 7.14-2	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	7.14.4.4, Table 7.14-3	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	7.14.4.4, Table 7.14-4	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date May 23, 2002

Technical Area: **Traffic and Transportation**

Project: Blythe Energy Project Phase II

Technical Staff: Ken Peterson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 7.4.2, pp. 7.4-8 through 7.4-18 Sec. 7.4.3, pp. 7.4-19 and 7.4-20 99-AFC-8c, Petition I-B, Sec.4.2, pp, 21-43	Yes	
Appendix B j) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Figure 7.4-1; Section 7.4.4, pp. 7.4-22 through 7.4-27	Yes	
Appendix B j) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Figure 7.4-2	Yes	
Appendix B j) (5) (B) (i)	Road classification and design capacity;	Sec. 7.4.1.3, pp. 7.4-4 and 7.4-5	Yes	
Appendix B j) (5) (B) (ii)	Current daily average and peak traffic counts;	Sec. 7.4.1.3, pp. 7.4-4 and 7.4-5	Yes	
Appendix B j) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Sec. 7.4.1.3, pp. 7.4-4 and 7.4-5 Sec. 7.4.2, pp. 7.4-9 through 7.4-17	Yes	
Appendix B j) (5) (B) (iv)	Weight and load limitations;	Sec. 7.4.1.2, pp. 7.4-3 and 7.4-4	Yes	
Appendix B j) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Table 7.4-1, p. 7.4-4	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date May 23, 2002

Technical Area: **Traffic and Transportation**

Project: Blythe Energy Project Phase II

Technical Staff: Ken Peterson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (5) (B) (vi)	An identification of any road features affecting public safety.	No information necessary	Yes	
Appendix B (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	No information necessary	Yes	
Appendix B (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	Sec. 7.4.2, pp. 7.4-6 through 7.4-17	Yes	
Appendix B (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Sec. 7.4.2.1, 7.4-13 Sec. 7.9.2.2, pp. 7.9-6 through 7.9-14	Yes	
Appendix B (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Sec. 7.4.4, pp. 7.4-21 through 7.4-25 Table 7.4-10, pp. 7.4-22 through 7.4-24	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date May 23, 2002

Technical Area: **Traffic and Transportation**

Project: Blythe Energy Project Phase II

Technical Staff: Ken Peterson

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Tables 7.4-11 and 7.4-12, p. 2.4-26	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 7.4-10, pp. 7.4-22, 23	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.4-11, p. 7.4-26	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 7.4-12, p. 7.4-26	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 9, 2002

Technical Area: **Transmission System Eng.**

Project: Blythe Energy Project Phase II

Technical Staff: Ajoy Guha, P.E.

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 2.1, Pages 1 to 2 Section 2.2.5, Pages 2-11 to 2-14 Section 8.2, Pages 8-5 to 8-7	Yes	
Appendix B i (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Not required for Transmission System Eng.	Yes	
Appendix B i (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Letter dated July 5 2002 Attachments DA1, DA2 & Diagram. Letter dated June 19 2002 and Attachments. Letter dated April 20 2002 and Attachments.	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 9, 2002

Technical Area: **Transmission System Eng.**

Project: Blythe Energy Project Phase II

Technical Staff: Ajoy Guha, P.E.

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Tables 8.0-1a and 8.0-1b Section 8.2.2.2.1 Supplementary AFC filing dated May 31, 2002	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 9, 2002

Technical Area: **Transmission System Eng.**

Project: Blythe Energy Project Phase II

Technical Staff: Ajoy Guha, P.E.

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Technical Assessment Study Report (TASR), dated March 6, 2002 from Southern California Edison (SCE) Pages 1 to 18	Yes	
California Energy Commission		35		July 10, 2002

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 9, 2002

Technical Area: **Transmission System Eng.**

Project: Blythe Energy Project Phase II

Technical Staff: Ajoy Guha, P.E.

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 8.2, Pages 8-5 to 8-7. Interconnection System Impact Study, Appendix 8.0-F	Yes	
Appendix B i) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 8.0, page 8-5	Yes	
Appendix B i) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Not required for Transmission System Eng.	Yes	
Appendix B i) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Not required for Transmission System Eng.	Yes	
Appendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 3.0, Table 3.0-1, Section 8.0, Table 8.0-3.	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 9, 2002

Technical Area: **Transmission System Eng.**

Project: Blythe Energy Project Phase II

Technical Staff: Ajoy Guha, P.E.

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table Permit Summary Section 3.3 Pages 3-31 to 3-33 Table 3.0-3	Yes	
Appendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 3.0, Page 3-1	Yes	
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 3.9, Table 3.0-4 Pages 3-34 to 3-36	Yes	
Appendix B i) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table Permit Summary, Section 3.3	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date June 1, 2002

Technical Area: **Visual Resources**

Project: Blythe Energy Project Phase II

Technical Staff: Gary Walker

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pp. 7.5-3 through 7.5-8, Section 7.5.1; pp. 7.5-8 through 7.5-24, Section 7.5.2.1; pp. 7.5-18 through 7.5-24, Section 7.5.2.3; pp. 7.5-24 through 7.5-28, Section 7.5.3.	Yes	
Appendix B (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Pp.7.5-1 through 7.5-8, Section 7.5.1.	Yes	
Appendix B (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figures 7.5-1 and 7.5-12. Revised AFC, Revised Figure 7.5-1.	Yes	
Appendix B (6) (A) (ii)	Elevations of any existing structures on the site; and	Revised AFC, New Figures 7.5-10 and 7.5-10a.	Yes	
Appendix B (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Pp.7.5-2 through 7.5-8, Section 7.5.1.	Yes	
Appendix B (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Pp.7.5-3 through 7.5-7.	Yes	

adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date June 1, 2002

Technical Area: **Visual Resources**

Project: Blythe Energy Project Phase II

Technical Staff: Gary Walker

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Pp.7.5-4 through 7.5-8, Sections 7.5.1.3 and 7.5.1.4; p.7.5-10, Section 7.5.2.2.1. Revised AFC, Sections 7.5.1.4.3 and 7.5.1.4.5.	Yes	
Appendix B j) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	P.7.5-8, Table 7.5-1, Section 7.5.2; pp.7.5-10 through 7.5-13, Section 7.5.2.2.1; Figures 7.5-10 and 7.5-10a.	Yes	
Appendix B j) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 7.5-2a through 7.5-7b.	Yes	
Appendix B j) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Pp.7.5-13 through 7.5-17, Sections 7.5.2.2.2 and 7.5.2.2.3, including Tables 7.5-2 through 7.5-5. Revised AFC, Section 7.5.2.2.	Yes	

adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 1 Date June 1, 2002

Technical Area: **Visual Resources**

Project: Blythe Energy Project Phase II

Technical Staff: Gary Walker

Project Manager: Bill Pfanner

Docket: 02-AFC-1

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B 1) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	P.7.5-28, Section 7.5.4.	Yes	
Appendix B 1) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.5-9, p.7.5-28, Section 7.5.4.	Yes	
Appendix B 1) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	P.7.5-28, Section 7.5.4.	Yes	
Appendix B 1) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 7.5-9, p.7.5-28, Section 7.5.4.	Yes	
Appendix B 1) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not applicable.	Yes	

adequacy Issue: Adequate X Inadequate _____ **DATA ADEQUACY WORKSHEET** Revision No. 1.0 Date 7/3/02

Technical Area: Water Resources Project: Blythe Energy Project Phase 2 Technical Staff: Richard Sapudar

Project Manager: Bill Pfanner Docket: _____ Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B j) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	7.13.1-3, 2.1, 2.2.2, 2.2, 7.3.2.31, 1.1.1, 7.13.2.2, Appendix 7-11 and 7-13	Yes	Erosion Control For the WCOP supplement for AFC received
Appendix B j) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:			
Appendix B j) (14) (A) (i)	Waste Discharge Requirements; and	7.13.4, 7.13.2, Appendix 7-13c Revised Appendix 7.13	Yes	Letter provided in revised Appendix 7.13.
Appendix B j) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	7.13.4.4, Appendix 7.13	Yes	
Appendix B j) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	7.13.1.2, 7.13.1.4 Revised Figures 7.13-2B and 7.13-3B	Yes	Revised figures provided are correct.
Appendix B j) (14) (B) (i)	Ground water bodies and related geologic structures;	7.13.1.3 Revised section 7.13.1.4	Yes	Section revised.

adequacy Issue: Adequate X Inadequate _____ **DATA ADEQUACY WORKSHEET** Revision No. 1.0 Date 7/3/02
 Technical Area: Water Resources Project: Blythe Energy Project Phase 2 Technical Staff: Richard Sapudar
 Project Manager: Bill Pfanner Docket: _____ Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (14) (B) (ii)	Surface water bodies; and	7.13.1.2	Yes	
Appendix B (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	2.3.1, 7.13.1.2	Yes	
Appendix B (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	2.2.8.1, 2.2.8, 7.13.1.6,	Yes	
Appendix B (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	2.2.8.3, 7.13.1.3, Table 2.0-3, Table 7.13-2, Table 7.13.7 Revised section 2.2.8.3	Yes	Revised discussion to recognize this water is being used for potable purposes.
Appendix B (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	2.2.8, 2.2.8.1, 7.13.2.1, 7.13.2.2	Yes	
Appendix B (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	2.2.8, 2.2.8.1-2, 2.2.8.4, 2.2.8.5, 2.2.1.0, Figure 2.0-18-19, Figure 2.0-21-22	Yes	
Appendix B (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:			
Appendix B (14) (D) (i)	Precipitation and storm runoff patterns; and	2.2.10.4, 7.13.1., 7.13..2.2	Yes	
Appendix B (14) (D) (ii)	Drainage facilities and design criteria.	2.2.10.4, 7.13.1	Yes	

dequacy Issue: Adequate X Inadequate _____ **DATA ADEQUACY WORKSHEET** Revision No. 1.0 Date 7/3/02

echnical Area: Water Resources Project: Blythe Energy Project Phase 2 Technical Staff: Richard Sapudar

roject Manager: Bill Pfanner Docket: _____ Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
ppendix B j) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			
ppendix B j) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	2.2.10.4, Figure 2.0-4, Figure 2.0-22, 7.13.2.2.3, Appendix 7.11	Yes	
ppendix B j) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	7.13.2.1	Yes	
ppendix B j) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	2.3.1, 7.13-2	Yes	
ppendix B i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Tables 3.0-1, Table 3.0-3, Table 7.13-9 Revised Tables 3.0-1, 3.0-3, 7.13-9, section 7.13	Yes	Revised tables and sections are adequate.
ppendix B i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 3.0-1, Table 3.0-3, Table 7.13-9 Revised Tables 3.0-1, 3.0-3, 7.13-9, section 7.13	Yes	Revised tables and sections are adequate
ppendix B i) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	7.13.3, 7.13.4.3, 7.3.4, Revised Tables 3.0-1, 3.0-3, 7.13-9, section 7.13	Yes	USBR letter dated 6/14/02 has been provided.

adequacy Issue: Adequate ☒ Inadequate ☐ **DATA ADEQUACY WORKSHEET** Revision No. 1.0 Date 7/3/02
 Technical Area: Water Resources Project: Blythe Energy Project Phase 2 Technical Staff: Richard Sapudar
 Project Manager: Bill Pfanner Docket: _____ Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B i) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 3.0-4 Revised Tables 3.0-1, 3.0-3, 7.13-9, section 7.13	Yes	
Appendix B ii) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	7.13.4.5	Yes	